

APPENDIX E

Inputs: A continuous variable x of dimension $m \times 1$; the mean value x_mean and the minimum value x_min from the output of the exponential distribution test function

Outputs: The log-scaled $x - bx$ of dimension $m \times 1$

Process:

 Initialize the return vector bx of dimension $m \times 1$

 For $i = 1:m$

 Compute $bx(i) = 1 - e^{\frac{x(i)-\min}{mean-\min}}$

 End For

 Return bx

 // x can not be a constant variable.